

JAN 13 2005

Atty. Docket No. NLMPL113

PATENT

IN THE UNITED STATES PATENT OFFICE

In Re Patent Application of:

Pereira et al.

Application No.: 10/061,941

Filed: February 1, 2002

For: CONTENT ADDRESSABLE MEMORY WITH
HASHING FUNCTION

Examiner: Verbrugge, Kevin

Art Unit: 2188

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER FINAL REJECTION

Sir:

In response to the Office Action mailed September 13, 2004 (the "Office Action"), please amend the above-identified application as set forth below.

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that the following correspondence is being transmitted by facsimile to the United States Patent and Trademark Office Central Fax Number, 703-872-9306, on January 13, 2005 by Charles E. Shemwell.
(Person transmitting corresp.)

Signature

January 13, 2005
Date

PTO/SB/17 (12-04/2)

Approved for use through 07/31/2008. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (P.L. 109-171).

FEE TRANSMITTAL
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 250.00

Complete If Known

Application Number 10/081,941
 Filing Date February 1, 2002
 First Named Inventor Pereira, Jose P.
 Examiner Name Verbrugge, Kevin
 Art Unit 2168
 Attorney Docket No. NLMI.P113

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METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: 501914 Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |
| Total Claims | | |
| - 20 or HP = _____ x _____ = _____ | | |
| HP = highest number of total claims paid for, if greater than 20. | | |
| Indep. Claims | | |
| - 3 or HP = _____ x _____ = _____ | | |
| HP = highest number of independent claims paid for, if greater than 3. | | |
| Multiple Dependent Claims | | |
| Fee (\$) | | |
| Fees Paid (\$) | | |

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(e).

Total Sheets 29 - 100 = _____ Extra Sheets 150 = _____ Number of each additional 50 or fraction thereof _____ Fee (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Terminal Disclaimer Fee (\$130) and Extension of Time Fee (\$120)

Fees Paid (\$)

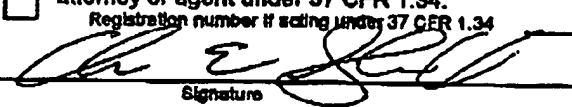
SUBMITTED BY

Signature  Registration No. 40,171 Telephone 408-236-6640
 Name (Print/Type) Charles E. Shamwell Date January 13, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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Approved for use through 07/31/2005, OMB 0951-0031
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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| | | | |
|--|------------|---------------------------------------|--------|
| PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.138(a) FY 2005 <i>(Fee pursuant to the Consolidated Appropriations Act, 2005 (P.L.R. 4818))</i> | | Docket Number (Optional) NLMI.P113 | |
| Application Number 10/061,941 | | Filed February 1, 2002 | |
| For Content Addressable Memory with Hashing Function | | | |
| Art Unit 2188 | | Examiner Verbrugge, Kevin | |
| This is a request under the provisions of 37 CFR 1.138(a) to extend the period for filing a reply in the above identified application. | | | |
| The requested extension and fee are as follows (check time period desired and enter the appropriate fee below): | | | |
| | Fee | Small Entity Fee | |
| <input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1)) | \$120 | \$80 | \$ 120 |
| <input type="checkbox"/> Two months (37 CFR 1.17(a)(2)) | \$450 | \$225 | \$ |
| <input type="checkbox"/> Three months (37 CFR 1.17(a)(3)) | \$1020 | \$510 | \$ |
| <input type="checkbox"/> Four months (37 CFR 1.17(a)(4)) | \$1580 | \$795 | \$ |
| <input type="checkbox"/> Five months (37 CFR 1.17(a)(5)) | \$2180 | \$1080 | \$ |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. | | | |
| <input type="checkbox"/> A check in the amount of the fee is enclosed. | | | |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. | | | |
| <input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account. | | | |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>501914</u> . I have enclosed a duplicate copy of this sheet. | | | |
| WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | |
| I am the <input type="checkbox"/> applicant/inventor. | | | |
| <input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/86). | | | |
| <input checked="" type="checkbox"/> attorney or agent of record. Registration Number <u>40,171</u> | | | |
| <input type="checkbox"/> attorney or agent under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34 | | | |
|  | | January 13, 2005 | |
| Charles E. Shemwell | | Date | |
| Typed or printed name | | 408-236-6640 | |
| | | Telephone Number | |
| NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below. | | | |
| <input checked="" type="checkbox"/> Total of <u>1</u> forms are submitted. | | | |

This collection of information is required by 37 CFR 1.138(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 38 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PAGE 4/72 * RCVD AT 1/13/2005 4:46:21 PM (Eastern Standard Time) * SVR:USPTO-EFXRF-17 * DUNS:8729306 * CSID:408 236 6641 * DURATION (mm:ss):09:46

02/02/2005 COURTESY 00000000 501914 10061941

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